# **Technical Data Sheet**



DPDT Ramses N 3GHz Failsafe 12Vdc Diodes D-sub connector with bracket

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### RF CHARACTERISTICS

Frequency range : 0 - 3 GHz Impedance : 50 Ohms

Frequency (GHz)	DC - 1	1 - 2	2 - 3
VSWR max	1.15	1.20	1.25
Insertion loss max	0.15 dB	0.20 dB	0.25 dB
Isolation min	85 dB	80 dB	75 dB
Average power (*)	700 W	500 W	400 W

#### **ELECTRICAL CHARACTERISTICS**

Actuator : FAILSAFE
Nominal current \*\* : 340 mA

Actuator voltage (Vcc) : 12V (10.2 to 13V)

Terminals : 9 pins D-SUB male connector

#### MECHANICAL CHARACTERISTICS

Connectors : N female per MIL-C 39012

Life : 2.5 million cycles

## **ENVIRONMENTAL CHARACTERISTICS**

Operating temperature range : -40°C to +85°C Storage temperature range : -55°C to +85°C

(\* Average power at 25°C per RF Path)

(\*\* At 25° C ±10%)

(\*\*\* Nominal voltage; 25° C)



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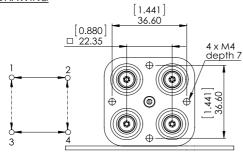
## **Technical Data Sheet**

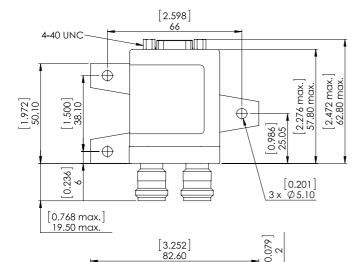


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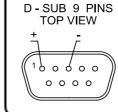
## **DRAWING**







## LABEL



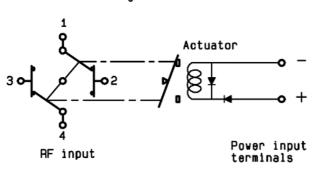
RADIALL® R577012035 0 - 3 GHz Un : 12V Lot : \_\_\_\_

1.748

General tolerances: ±0,5 mm [0,02 in]

### SCHEMATIC DIAGRAM

#### Position: De energized



Voltage	RF Continuity	
energized	$1 \leftrightarrow 3 / 2 \leftrightarrow 4$	
De-energized	$1 \leftrightarrow 2 / 3 \leftrightarrow 4$	

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